



January 20, 2009

Dale Haines  
Operations Manager

*entered 1/21/09 LE*

**Chevron North America  
Exploration and Production**  
3800 Centerpoint Drive  
Suite 100  
Anchorage, Alaska 99503  
Tel 907 263 7951  
Fax 907 263 7698  
Email daleah@chevron.com

Mr. Chae Park  
U.S. Environmental Protection Agency  
Region 10, Water Compliance Section  
1200 Sixth Avenue, OW-133  
Seattle, WA 98101

**RECEIVED**

JAN 21 2009

DEC

Division of Water Quality  
Wastewater Discharge Program

RETURN RECEIPT REQUESTED  
CERTIFIED MAIL 7006 3450 0000 0081 2660

Re: NPDES Permit No. AKG-31-5001  
Granite Point Tank Farm December 2008 Discharge Monitoring Reports (DMR)

Dear Mr. Park:

Union Oil Company of California operates the Granite Point Tank Farm that discharges regulated effluents in Cook Inlet, Alaska under NPDES Permit No. AKG-31-5001. Pursuant to condition VI.B of the Permit, Union Oil Company of California is hereby submitting the December 2008 NPDES Discharge Monitoring Reports (DMRs) for the Granite Point Tank Farm.

If you have any questions, please direct them to Ms. Marilu Moreno-Jones at 907-263-7305 or via e-mail at [mmjones@chevron.com](mailto:mmjones@chevron.com).

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Best regards,

Dale Haines

cc: ADEC / Certified Mail 7006 3450 0000 0081 2677


## DISCHARGE MONITORING REPORT (DMR)

NAME Union Oil Company of California  
 ADDRESS Attn: John Zager  
 P.O. Box 196247  
 Anchorage, AK 99519-6247  
 FACILITY Granite Point Tank Farm  
 LOCATION Cook Inlet, Alaska

|               |  |  |                  |  |  |
|---------------|--|--|------------------|--|--|
| (2-16)        |  |  | (17-19)          |  |  |
| AKG-31-5001   |  |  | 015              |  |  |
| PERMIT NUMBER |  |  | DISCHARGE NUMBER |  |  |

|                   |    |     |    |      |    |     |
|-------------------|----|-----|----|------|----|-----|
| MONITORING PERIOD |    |     |    |      |    |     |
| YEAR              | MO | DAY | TO | YEAR | MO | DAY |
| 08                | 12 | 01  |    | 08   | 12 | 31  |

| PARAMETER<br>(32-37)                       |                       | (3 Card Only)<br>(46-53) |          |       | QUANTITY OR LOADING<br>(54-61) |         |         | (4 Card Only)<br>(38-45) |       |         | QUALITY OR CONCENTRATION<br>(46-53) |         |         | NO.<br>EX<br>(62-63) | FREQUENCY<br>OF ANALYSIS<br>(54-68) | SAMPLE<br>TYPE<br>(69-70) |
|--|-----------------------|--------------------------|----------|-------|--------------------------------|---------|---------|--------------------------|-------|---------|-------------------------------------|---------|---------|----------------------|-------------------------------------|---------------------------|
|  |                       | AVERAGE                  | MAXIMUM  | UNITS | MINIMUM                        | AVERAGE |         | MAXIMUM                  | UNITS |         |                                     |         |         |                      |                                     |                           |
|  |                       |                          |          |       |                                | (20-21) | (22-23) |                          |       | (24-25) | (26-27)                             | (28-29) | (30-31) |                      |                                     |                           |
| 015<br>Produced Water<br>Flow Rate*        | SAMPLE<br>MEASUREMENT | 0.027436                 | 0.041118 | MGD   |                                |         |         |                          |       |         |                                     |         |         |                      | Weekly                              | Estimate                  |
|  | PERMIT<br>REQUIREMENT | Report                   | Report   | MGD   |                                |         |         |                          |       |         |                                     |         |         |                      | Weekly                              | Estimate                  |
| 015<br>Produced Water<br>Produced Sand     | SAMPLE<br>MEASUREMENT |                          |          |       |                                |         |         |                          |       |         |                                     |         |         |                      |                                     |                           |
|  | PERMIT<br>REQUIREMENT |                          |          |       |                                |         |         |                          |       |         |                                     |         |         |                      |                                     |                           |
| 015<br>Produced Water<br>pH**              | SAMPLE<br>MEASUREMENT |                          |          |       | 6.2                            |         |         |                          | 6.7   |         | su                                  |         |         |                      | Weekly                              | Grab                      |
| Flow Rate <1 mgd                           | PERMIT<br>REQUIREMENT |                          |          |       | 6                              |         |         |                          | 9     |         | su                                  |         |         |                      | Monthly                             | Grab                      |
| 015<br>Produced Water<br>Oil and Grease*** | SAMPLE<br>MEASUREMENT |                          |          |       |                                |         |         | 11                       | 12    |         | mg/l                                |         |         |                      | Weekly                              | Average                   |
|  | PERMIT<br>REQUIREMENT |                          |          |       |                                |         |         | 29                       | 42    |         | mg/l                                |         |         |                      | Weekly                              | Average                   |
| 015<br>Produced Water<br>Copper            | SAMPLE<br>MEASUREMENT |                          |          |       |                                |         |         | 2                        | 2     |         | µg/l                                |         |         |                      | Monthly                             | Grab                      |
|  | PERMIT<br>REQUIREMENT |                          |          |       |                                |         |         | 67                       | 130   |         | µg/l                                |         |         |                      | Monthly                             | Grab                      |
| 015<br>Produced Water<br>Mercury           | SAMPLE<br>MEASUREMENT |                          |          |       |                                |         |         | 0.2                      | 0.2   |         | µg/l                                |         |         |                      | Monthly                             | Grab                      |
|  | PERMIT<br>REQUIREMENT |                          |          |       |                                |         |         | 3.1                      | 7.9   |         | µg/l                                |         |         |                      | Monthly                             | Grab                      |
| 015<br>Produced Water<br>Manganese         | SAMPLE<br>MEASUREMENT |                          |          |       |                                |         |         | 0.2                      | 0.2   |         | mg/l                                |         |         |                      | Monthly                             | Grab                      |
|  | PERMIT<br>REQUIREMENT |                          |          |       |                                |         |         | 6.1                      | 12.3  |         | mg/l                                |         |         |                      | Monthly                             | Grab                      |
| 015<br>Produced Water<br>Silver            | SAMPLE<br>MEASUREMENT |                          |          |       |                                |         |         | 5                        | 5     |         | µg/l                                |         |         |                      | Monthly                             | Grab                      |
|  | PERMIT<br>REQUIREMENT |                          |          |       |                                |         |         | 37                       | 74    |         | µg/l                                |         |         |                      | Monthly                             | Grab                      |
| 015<br>Produced Water<br>Zinc              | SAMPLE<br>MEASUREMENT |                          |          |       |                                |         |         | 0.1                      | 0.1   |         | mg/l                                |         |         |                      | Monthly                             | Grab                      |
|  | PERMIT<br>REQUIREMENT |                          |          |       |                                |         |         | 1.5                      | 3.1   |         | mg/l                                |         |         |                      | Monthly                             | Grab                      |

|  |   |   |                |        |      |    |    |
|--|---|---|----------------|--------|------|----|----|
| NAME/TITLE PRINCIPAL EXECUTIVE OFFICER | I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. | <br>Dale A. Haines<br>SIGNATURE OF<br>PRINCIPAL EXECUTIVE OFFICER<br>OR AUTHORIZED AGENT | TELEPHONE      |        | DATE |    |    |
|  |   |   | (907) 276-7600 |        | 09   | 01 | 20 |
|  |   |   | AREA<br>CODE   | NUMBER | YEAR | MO | DA |

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

See Granite Point Tank Farm Page 3 of 3 for comments.

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

OMB No. 2040-0004

NAME Union Oil Company of California  
 ADDRESS Attn: John Zager  
 P.O. Box 196247  
 Anchorage, AK 99519-6247  
 FACILITY Granite Point Tank Farm  
 LOCATION Cook Inlet, Alaska

(2-16)  
 AKG-31-5001  
 PERMIT NUMBER


015  
 DISCHARGE NUMBER

MONITORING PERIOD

|         |         |         |    |         |         |         |
|---------|---------|---------|----|---------|---------|---------|
| YEAR    | MO      | DAY     | TO | YEAR    | MO      | DAY     |
| 08      | 12      | 01      |    | 08      | 12      | 31      |
| (20-21) | (22-23) | (24-25) |    | (26-27) | (28-29) | (30-31) |

NOTE: Read instructions before completing this form.

| PARAMETER<br>(32-37)  |                       | (3 Card Only) | QUANTITY OR LOADING |       |         | (4 Card Only) | QUALITY OR CONCENTRATION |       |  | NO.<br>EX<br>(62-63) | FREQUENCY<br>OF ANALYSIS<br>(64-66) | SAMPLE<br>TYPE<br>(69-70) |
|---|-----------------------|---------------|---------------------|-------|---------|---------------|--------------------------|-------|--|----------------------|-------------------------------------|---------------------------|
|   |                       | (46-53)       | (54-61)             |       | (38-45) | (46-53)       | (54-61)                  |       |  |                      |                                     |                           |
|   |                       | AVERAGE       | MAXIMUM             | UNITS | MINIMUM | AVERAGE       | MAXIMUM                  | UNITS |  |                      |                                     |                           |
| 015<br>Produced Water<br>TAH  | SAMPLE<br>MEASUREMENT |               |                     |       |         | 12            | 12                       | mg/l  |  | Monthly              | Grab                                |                           |
|   | PERMIT<br>REQUIREMENT |               |                     |       |         | 14            | 20                       | mg/l  |  | Monthly              | Grab                                |                           |
| 015<br>Produced Water<br>TAqH   | SAMPLE<br>MEASUREMENT |               |                     |       |         | 12            | 12                       | mg/l  |  | Monthly              | Grab                                |                           |
|   | PERMIT<br>REQUIREMENT |               |                     |       |         | Report        | Report                   | mg/l  |  | Monthly              | Grab                                |                           |
| 015<br>Produced Water<br>Total Ammonia  | SAMPLE<br>MEASUREMENT |               |                     |       |         | No Sample     | No Sample                | mg/l  |  | Quarterly            | Grab                                |                           |
|   | PERMIT<br>REQUIREMENT |               |                     |       |         | Report        | Report                   | mg/l  |  | Quarterly            | Grab                                |                           |
| 015<br>Produced Water<br>Whole Effluent Toxicity<br>Mytilus galloprovincialis**** | SAMPLE<br>MEASUREMENT |               |                     |       |         | No Sample     | No Sample                | TUC   |  | Quarterly            | Grab                                |                           |
|   | PERMIT<br>REQUIREMENT |               |                     |       |         | 1341          | 2691                     | TUC   |  | Quarterly            | Grab                                |                           |
| 015<br>Produced Water<br>Whole Effluent Toxicity<br>Dendroaster excentricus       | SAMPLE<br>MEASUREMENT |               |                     |       |         | No Sample     | No Sample                | TUC   |  | Annually             | Grab                                |                           |
|   | PERMIT<br>REQUIREMENT |               |                     |       |         | 1341          | 2691                     | TUC   |  | Annually             | Grab                                |                           |
| 015<br>Produced Water<br>Whole Effluent Toxicity<br>Menidia beryllina             | SAMPLE<br>MEASUREMENT |               |                     |       |         | No Sample     | No Sample                | TUC   |  | Annually             | Grab                                |                           |
|   | PERMIT<br>REQUIREMENT |               |                     |       |         | 1341          | 2691                     | TUC   |  | Annually             | Grab                                |                           |
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|   |   |   |                |        |      |    |    |
|---|---|---|----------------|--------|------|----|----|
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|   |   |   | (907) 276-7600 |        | 09   | 01 | 20 |
| TYPED OR PRINTED  |   |   | AREA<br>CODE   | NUMBER | YEAR | MO | DA |

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

See Granite Point Tank Farm Page 3 of 3 for comments.

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(2-16)  
 AKG-31-5001  
 PERMIT NUMBER

(17-19)  
 015  
 DISCHARGE NUMBER

MONITORING PERIOD  

|         |         |         |    |         |         |         |
|---------|---------|---------|----|---------|---------|---------|
| YEAR    | MO      | DAY     | TO | YEAR    | MO      | DAY     |
| 08      | 12      | 01      |    | 08      | 12      | 31      |
| (20-21) | (22-23) | (24-25) |    | (26-27) | (28-29) | (30-31) |

NOTE: Read instructions before completing this form.

COMMENTS PAGE 3 OF 3


The produced water outfall froze and discharge consequently ceased as of 15:00 on December 31, 2008. Discharge will commence with the spring thaw.

\* Flow rate includes produced water from Granite Point Platform for treatment and discharge. See letter submitted to EPA dated August 20, 2007.

\*\* Frequency of pH measurement has been increased to more closely monitor water quality.

\*\*\* Per permit instructions weekly samples consist of an average of 4 samples taken within a 24 hour period.

\*\*\*\* Identified as the most sensitive species

|   |   |   |                |        |      |    |    |
|---|---|---|----------------|--------|------|----|----|
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| TYPED OR PRINTED  |   |   | AREA CODE      | NUMBER | YEAR | MO | DA |

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)